IN THE ABSTRACT

Please delete the abstract in its entirety and replace with the following abstract

ABSTRACT

A solvent extraction process for preparing microspheres of a biodegradable polymer. The process includes preparing a homogenized antigen-sucrose matrix and adding a solvent to the sucrose-antigen matrix to form a solution. Preparing a solution of a biodegradable polymer by adding a solvent to the polymer. Adding the biodegradable polymer solution to the antigen-sucrose solution. Adding an oil to the polymer-sucrose – antigen solution to form an emulsion having a controlled viscosity that corresponds to a predetermined average particle size of distributions of microspheres of biodegradable polymers. Centrifuging the emulsion of controlled viscosity and removing the supernatant to obtain microspheres of a predetermined range of particle size distributions of from about 0.5 to about 7.0 micrometers.